

20000424.qrp v01_n801.qrl.20000424

Date: Mon, 24 Apr 2000 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1801

QRP-L Digest 1801

Topics covered in this issue include:

- 1) [68486] Re: Help to identify qrp Xmtr.
by K2UD@aol.com
- 2) [68487] Re: QRQ Net report.
by Ed Loranger <we6w@qsl.net>
- 3) [68488] Update on QRP stuff for sale.
by "Dan Trigilio" <danjt@cruzio.com>
- 4) [68489] Sincere apology / Re: TT2 / MRX
by Robert P Engelman <rengelwb8uoj@juno.com>
- 5) [68490] For Sale
by Maurice L Haynes <kv7g@juno.com>
- 6) [68491] QRP column in QST
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 7) [68492] QRP Column
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 8) [68493] TT2
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
- 9) [68494] K2 - - Well, I did it!
by "Mike Yetsko" <myetsko@insydesw.com>
- 10) [68495] [OT] Screwdriver antenna repair help
by "Dave Benham" <dodgeboy@mindspring.com>
- 11) [68496] QRQ Net - where keyers and bugs are maxed out!!
by BenNW7DX@aol.com
- 12) [68497] Re: Florida QSO Party Reminder
by Bob Patten <n4bp@bc.seflin.org>
- 13) [68498] 50:50 Ohm Baluns.
by Ed Loranger <we6w@qsl.net>
- 14) [68499] keying circuit
by paul taylor <ptay1@miro.bestweb.net>
- 15) [68500] Iowa QRP Club at Des Moines hamfest
by "John Burnley" <burnleyia@home.com>
- 16) [68501] A Good Book...
by =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
- 17) [68502] A Good Book, with url...
by =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
- 18) [68503] de 3CA/K0CO Africa report
by "Jack Dougherty" <Jack_Dougherty@ccgate.ueci.com>
- 19) [68504] Re: QRQ Net - where keyers and bugs are maxed out!!

by tailfeathers@juno.com

20) [68505] QRPTTF Maritime Antenna
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

21) [68506] QRPTTF Antenna addendum
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

22) [68507] Have a Sun SS10 server running Linux (RedHat 6,1) to swap for pre ww2
radio stuff
by "Bob Duckworth" <wb4mnf@atl.org>

23) [68508] RE: QST QRP page
by "AI2Q Alex" <ai2q@ispchannel.com>

24) [68509] [OT] Low Power 555 Timer Chip?
by Jim Dolson <jdolson@iserv.net>

25) [68510] RE: [OT] Low Power 555 Timer Chip?
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>

26) [68511] Contest: TR-LOG in QRPTTF
by "Mark Adams" <k2qo@hotmail.com>

27) [68512] Nationwide SMiTe Hunt!!
by Bob Kellogg <ae4ic@nr.infi.net>

28) [68513] SMiTe Hunt!
by "Randy Hargenrader" <randyh@harksystems.com>

29) [68514] Re: Antenna frustrations - Please, please rename the subject
by Monte Stark <ku7y@dri.edu>

30) [68515] Re: 50:50 Ohm Baluns.
by Ray Colbert <af852@rgfn.epcc.edu>

31) [68516] Re: QST QRP page
by "Gary Lee Phillips" <ka9nzi@arrl.net>

32) [68517] Re: NO Antennas Allowed!
by "Gary Lee Phillips" <ka9nzi@arrl.net>

33) [68518] [OT] more on screwdriver repair
by "Dave Benham" <dodgeboy@mindspring.com>

34) [68519] Digital modes with milliwatts
by Jim Hale <kj5tf@yahoo.com>

35) [68520] Re: Help to identify qrp Xmtr
by Michael Fletcher <kl7ixi@usa.net>

36) [68521] Re: NO Antennas Allowed!
by "Mike Yetsko" <myetsko@insydesw.com>

37) [68522] Re: NO Antennas Allowed!
by Monte Stark <ku7y@dri.edu>

38) [68523] Re: NO Antennas Allowed!
by "Paul Christensen" <paulc@mediaone.net>

39) [68524] Re: NO Antennas Allowed!
by JClinton46@aol.com

40) [68525] Re: QST QRP page
by Monte Stark <ku7y@dri.edu>

41) [68526] FS: Heathkit HW-202
by Bruce Rattray <rattray@gpfn.sk.ca>

42) [68527] ARRL web site
by JClinton46@aol.com

- 43) [68528] Re: ARRL web site
by neil <neil@aade.com>
- 44) [68529] Re: ARRL web site
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 45) [68530] Re: QST QRP page
by Dick Carroll <dixie@townsqsr.com>
- 46) [68531] RE: ARRL web site
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 47) [68532] Re: ARRL web site
by "Mike Yetsko" <myetsko@insydesw.com>
- 48) [68533]
by brian@iquest.net
- 49) [68534] Re: SMK-1: Will Ship Wednesday
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 50) [68535] RE:
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 51) [68536] Re: ARRL web site
by k1vp@lawson-philpot.com
- 52) [68537] RE: QST QRP page
by Karl Kanalz <KKanalz@excel.com>
- 53) [68538] Re: second class acitvity repot...err...report.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 54) [68539] Re: ARRL web site
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 55) [68540]
by Bruce Rattray <rattray@gpfn.sk.ca>
- 56) [68541] Re: ARRL web site
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 57) [68542] arrl.org web site
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 58) [68543] My SMK-1
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 59) [68544] Re: arrl.org web site
by "Dave Benson" <nn1g@earthlink.net>
- 60) [68545] Magazine Articles abt Qrp
by tailfeathers@juno.com
- 61) [68546] Re: My SMK-1
by "Randy Randall" <RANDALLR@Healthall.com>
- 62) [68547] Re: Magazine Articles abt Qrp
by "Mike Yetsko" <myetsko@insydesw.com>
- 63) [68548] Re: ARRL web site
by JClinton46@aol.com
- 64) [68549] Finding the numeric IP address, was: Re: ARRL web site
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 65) [68550] Re: RIGblaster/QRP+/PSK-31
by Jim Boyle <jmb@cruzio.com>
- 66) [68551] Finding the numeric IP address, WIN 95, 98, NT
by "Randy Randall" <RANDALLR@Healthall.com>

- 67) [68552] Re: Finding the numeric IP address, WIN 95, 98, NT
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 68) [68553] Batteries, Switching supplies etc.
by Bradley Mitchell <wb8ygg@juno.com>
- 69) [68554] RE: Batteries, Switching supplies etc.
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 70) [68555] Re: SMK-1: Will Ship Wednesday
by "Randy Randall" <RANDALLR@Healthall.com>
- 71) [68556] Re: SMK-1: Will Ship Wednesday
by Darrel Swenson <darrel_kb0awb@tconl.com>
- 72) [68557] Re: QST QRP page
by "bob baxter" <rbaxter@cybertrails.com>
- 73) [68558] Re: Magazine Articles abt Qrp
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 74) [68559] Magazine Articles abt Qrp
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 75) [68560] Heath Parasol & bedtime readings...
by Radman <radman@best.com>
- 76) [68561] Efficient Power Amps for CW
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 77) [68562] Re: QST QRP page
by Norm Melick <henmel@worldnet.att.net>
- 78) [68563] Efficient Power Amps for CW
by Pat Byers <pbyers@rttinc.com>
- 79) [68564] SMK-1 parts list corr.
by dave_epps@juno.com
- 80) [68565] SMK-1 Item5, C24=C2?
by "Floyd Smithberg" <flydnq7x@primenet.com>

Date: Sun, 23 Apr 2000 19:11:32 EDT
From: K2UD@aol.com
To: donroher@juno.com
Cc: qrp-l@lehigh.edu
Subject: [68486] Re: Help to identify qrp Xmtr.
Message-ID: <31.42003bb.2634dd24@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

You have a Ryan Communications (Australia?) transmitter. Good for about 1.5W (mine was) with a 12V power supply. They are available from Fair Radio in Lima, OH for various bands for not a lot of money.

It was explained to me that these transmitter strips were designed for some type of military radio, possibly with more than one in each radio (for different bands). Due to the type of construction, I would be hard pressed

to disagree with this.

They are really well built and rugged. I had a problem with mine when I tried to use an FT-243 type xtal. I had to decrease the feedback resistor (yes!) in the oscillator section to get it to start up. May not happen with an HC-6/U type which is what the xmtr was probably designed for.

72

Howard Kraus, K2UD

Date: Sun, 23 Apr 2000 16:34:07 -0700
From: Ed Loranger <we6w@qsl.net>
To: Stephen Trier <sct@po.cwru.edu>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [68487] Re: QRQ Net report.
Message-ID: <3903886F.E2A7E0E4@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Stephen. The QRQ net is a SENDING PRACTICE net.

I sent out sentences on Tuesday or Wednesday to the QRP-1 list. However, I always pass on the sentences at the start of the net anyway.

You practice sending during the week from your slowest comfortable speed, then increase your CHARACTER speed, keeping your word speed about the same. Eventually you will be able to run the characters closer together to reach a faster word speed.

It improves both sending and receiving ability. It doesn't improve on-air QSO ability much, since you get to send from words on a paper and not your head, but I found you can reach your goal better this way and quickly increase your on-air ability.

It works by separating the mechanical limits of sending and the thought

mechanics that slow you down in QSO's.
By not having to think of what you
are saying, your QRQ net practice will
result in improved sending confidence.

This confidence becomes more natural
and you will soon be thinking and sending
at a faster rate than you might have
achieved otherwise.

The net is 7039 KHz, 0200Z, Sundays.
(Monday 0200Z UTC) and is a tough catch
from 8 land but I hope you hear us once
in awhile.

72/Ed we6w

P.S. This is an often asked question and
I've copied the list. Thanks!

Stephen Trier wrote:

>
> Hi, Ed.
>
> I apologize for having to ask for an explanation, but I came into this in
> the middle and it sounds interesting. What's the QRQ net?
>
> Stephen
>
> --
> Stephen Trier KG8IH
> sct@po.cwru.edu

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Sun, 23 Apr 2000 16:33:10 -0700
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [68488] Update on QRP stuff for sale.
Message-ID: <01a501bfad7c\$4a0429c0\$c68ae3a5@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

OK folks, the following items have been spoken for:
The NorCal Paddles, Nye-Viking Keyer.
The St Louis Tuner.
On hold: HW-16/VFO and ZM-2 Tuner and the RS power/SWR meter.
Still have Drake low pass filter and two 3.5" floppy drives.
Thanks everyone, I never expected such a response.
GL es 73, Dan W6DAN
Capitola, CA

Date: Sun, 23 Apr 2000 19:41:48 -0700
From: Robert P Engelman <rengelwb8uoj@juno.com>
To: Macstein@AOL.com
Cc: qrp-1@lehigh.EDU
Subject: [68489] Sincere apology / Re: TT2 / MRX
Message-ID: <20000423.194154.-182073.0.rengelwb8uoj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Mac,

I had NO idea that my postings would cause such a stir. My ONLY intention was to share the first QSO with the "new" rig, and hope to get folks involved in the Manhattan construction. Guess I have overstepped my bounds by first the initial posting, then the posting of your e-mail and then the club address. I stand humbled, and from this point, I will keep my big mouth (fingers) quiet. VERY SORRY BUD. I did NOT mean to get anyone upset, angry, dis heartened, or "yelled at" regarding the TT2 / MRX project.

Bob WB8U0J

Date: Sun, 23 Apr 2000 17:33:02 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [68490] For Sale
Message-ID: <20000423.173307.-479907.0.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>From the estate of W7DIB

Vibroplex Brass Racer	#03262	\$50.00 PP
MFJ Noise Cancelling Signal Enhancer		\$80.00 PP
Oak Hills SCF-1A Switched Capacitor Filter		\$45.00 PP

40 Foot Tubular Crankup Tower, improved model, top section is square tubing. In excellent condition, Has been taken down.
Must be picked up in Yuma, AZ \$300.00

Mailto:kv7g@mindspring.com
Web Page <http://www.qsl.net/kv7g>

Date: Sun, 23 Apr 2000 20:46:37 -0400
From: "Mike Czuahajewski" <wa8mcq@erols.com>
To: <qrp-1@lehigh.edu>
Cc: <wa8mcq@erols.com>
Subject: [68491] QRP column in QST
Message-ID: <001701bfad86\$8cdbc820\$f796accf@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had this message composed and ready to send when the recent post from Rich Arland appeared just before I was going to send it ("Coming down from Mt. Olympus"). He pretty well said what I was going to say, but since I had it composed already and don't want to waste the effort, here it is anyhow :-)

Here's my take on it: as soon as I knew it was coming, before it was announced publicly, I fully expected it to be rather boring to me, as a seasoned QRP'er. And I still expect that. I don't think anyone actually expects it to be the ultimate QRP resource of all time. The QRP community is extremely well served by a vast array of both online and paper-based resources (printed QRP journals), and a column in QRP could hardly hope to compete with all of that. And it certainly is not going to be all things to all people. (If such a thing were possible, there would be one single paper QRP journal and one single QRP web site, as well as one single QRP group in the entire world.)

I rather suspect that the QRP community being so very well served by a diverse, high quality assortment of niche publications and online sources may well have been a factor in it taking so long for them to finally start

up such a column. In fact, I'm tempted to say I got indirect feedback to that effect, originating with someone closely associated with the league, though that could well be faulty memory so don't quote me on that..

What I always expected--and which I think Rich Arland confirmed during a phone conversation, but don't quote me on that, either--is that the QST column is intended more to talk to the new QRPer or the person who isn't even a QRPer yet, to serve as an introduction to the topic, to show them that it's a valid area of ham radio, that a lot of people have a lot of fun with it, and that it's worth exploring. And for those who want to really get into QRP, there is an incredible wealth of QRP info out there already, waiting to be tapped into, and a QRP column in a mainstream ham magazine is the perfect way to direct more people to us and advertise QRP to the world. I think of the column more as a general introduction to the subject and not the final word on it.

Remember, Rich isn't "preaching to the converted" and writing in a specialized publication devoted to this area of ham radio. He's writing in a general purpose ham magazine, where the whole world is watching, showing the whole world that QRP is fun and that people are interested in it. And the same goes for Mike Bryce, WB8VGE, writing in 73 (I think it still exists), and Rich Fisher, KI6SN writing in Worldradio, the latter being a column that Rich Arland himself wrote for quite a few years. (I think Fred Bonavita had it before him.) Having QRP columns in all of these mainstream ham magazines really sends a message to the ham population at large, and probably gets us more than a few converts to boot.

73 and queue our pea DE WA8MCQ

Date: Sun, 23 Apr 2000 21:06:55 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [68492] QRP Column
Message-ID: <Pine.BSI.4.05L.10004232057270.26031-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Without fanning the flames of experienced QRP readers and preaching to them, it strikes me that one important thing the column could do is spread the word of the QRP excitement.

For some it's the building, although some of us for one reason or another are appliance operators - For some it's the thrill of the chase, the contests, DX, etc.

For me, it's the amazing fact that with 5 watts or less, and not much of an antenna, I've regained my interest in Ham Radio...it's fun again, there are challenges, and as witnessed by this list and others, there are many fellow hams willing to share experiences, offer help, and guide me along the way.

Oooopps...the above paragraph isn't solely QRP, is it? More like the ham radio I remember from 30 years ago.

I think all of us need to consider what we, and publications(electronic or printed), can do to spread the word to existing hams that QRP is a very good representation of Ham Radio, and just as importantly, let potential members of our fraternity know that not only do they NOT need to mortgage the farm to join us, but also that we're here ready to share with them.

73-Thom

../
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page
<http://www.baltimorehon.com> Home of the Baltimore Lexicon
<http://www.min.net/~thom/> Home of the Drake Mailing List

Date: Sun, 23 Apr 2000 20:20:26 -0500
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>
To: <qrp-1@Lehigh.EDU>
Subject: [68493] TT2
Message-ID: <005b01bfad8b\$46be4fc0\$35996520@kc0bdw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just finished building and smoke testing my TT2. No problems at all with it. Now I just have to hook it up to the antenna and make a QSO with it. I do like the way it sounds on my receiver too.

KC0BDW
Hal
Bellevue, NE

Date: Sun, 23 Apr 2000 21:50:11 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "QRP Mail List" <qrp-l@Lehigh.EDU>
Subject: [68494] K2 - - Well, I did it!
Message-ID: <007b01bfad8f\$8ae11a80\$7f99fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I fired up the K2 today, and 40M was hopping. I've made a few attempts at CW on 40 but it seemed the heavyweights killed me. Today early afternoon 40 was dead with the exception of a few boomers.

So I spun up to 20M SSB. Two contacts!! One outside of Detroit. He had a multi-element beam he had to swing on me. The other guy was from VA. In both cases I was quite weak, but I was using a standard RS dynamic CB mic, and I know it's output is very low. (I hadn't realized that I could just dial up the mic gain on the K2 (Thanks Ed!)) In both cases, I had the K2 power level set to 5W, but the external meter showed me peaking at about 1W. Still, I got in to both of the stations, although I had to dial up a bit till the K2 indicated 8W, and the external meter showed 3W. (I suspect the actual power was just above 5 on peaks)

Anyway, the K2 is a DREAM!! I'm using the K2 with NB and SSB modules, to an old CB SWR meter, then an MFJ-901 tuner I bought in 1982 or so, to about 75' of wire out my window, over to the under the drain pipe, then across the yard to a tree. No counterpoise. (Sorry, I will get to that, but I just couldn't resist. Besides, it DID tune to no indicated reflected power, although tuning was QUITE touchy!)

Anyway, the K2 is no longer virgin territory. At least for SSB. I still have yet to make a CW contact on it though.

Mike
N1DVJ
K2# 1058

Date: Sun, 23 Apr 2000 23:57:38 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [68495] [OT] Screwdriver antenna repair help
Message-ID: <009701bfada1\$3c54e600\$30d179a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm attempting to repair a W6AAQ DK3 screwdriver antenna that was damaged by UPS in shipment to me and I would like some advice. I can't get a response out of W6AAQ, and his manual says that he does no repairs and does not sell replacement parts, so here I go...

The inner extendable coil form was broken off about 2 1/2" from the top. It is still a perfect fit where it was broken so I'm hoping I can repair it.

My first question: Does anyone know if the coil form is PVC on the W6AAQ DK3 version? It appears to be but for all I know it might be something else.

Second question: if it is PVC, I remember a test mentioned somewhere where you put a piece of the PVC in your microwave and if it gets hot, it will conduct RF and will likely be a bad choice for a coil form. How long do I put it in the microwave and how do I judge the heat? I can't do much about the coil form being PVC on this antenna, but my repair idea was to insert a 1" PVC plumbing coupler (which is the perfect diameter) into the inside of the cracked area for reinforcement and glue it in place with PVC cement.

Is it fair to be concerned if it "fails" this test when I will never operate it at more than 100W (actually I want to use it at QRP levels, but for possible eventual resale I figure 100W is a safe limit)?

Thanks for any ideas here.

73,
Dave K8TRF

Date: Mon, 24 Apr 2000 00:05:17 EDT
From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu

Subject: [68496] QRQ Net - where keyers and bugs are maxed out!!

Message-ID: <9.493dc53.263521fd@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hello -

I hope everyone had a good weekend, be it Passover or Easter. Tonight on the QRQ net, we had 4 checkins. There was Ben NW7DX, Randy K7TQ, Barney W7IHN, and NCS Ed WE6W. Tonight was one of the more shorter nets. Ed started the sentences going at 25wpm and we finished the net with a top speed of 89wpm!!

Here are the top speeds for all of the Checkins:

- o WE6W - 70wpm
- o NW7DX - 89wpm
- o K7TQ - 35wpm
- o W7IHN - 30wpm

Ed once again was on his bug with no weights! It is amazing to listen to him tame that thing! I was on my bencher paddles with the internal keyer set only 3 units away from the max speed of the keyer, which is somewhere around 95wpm! Randy was zipping away with his paddles as well, and Barney was doing an excellent job with his bug!

I think that all of these guys should be congratulated for their effort.

It aint easy to sent perfect code, especially when you've reached your max speeds! I hope that everyone can check in again next week and I also encourage new checkins as well. This net is alot of fun, and you don't need to be as fast as some of the guys that are on there. Come on in at your Own personal max and I am confident that you will get better as time progresses. I still remember when Ed and I thought that 50 words a minute was "the mountain of all mountains" and super hard. Well, a couple months have passed, and now, we have almost doubled 50 wpm!! To me, that is truly amazing and I don't think that I would ever get this kind of practice from anywhere else!

Thanks to everyone for checking in, and I hope to hear some new calls next Sunday evening at 0200z (7pm pacific time).

72,

Ben - NW7DX

Date: Mon, 24 Apr 2000 03:55:20 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: Paul Womble <pwomble1@tampabay.rr.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [68497] Re: Florida QSO Party Reminder

Message-ID: <Pine.3.89.10004240336.C26409-01000000@bc.seflin.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Apr 2000, Paul Womble wrote:

>

> Next weekend is the Florida QSO Party.

> Rules and more info can be found at: <http://www.qsl.net/fqp>

>

Wish I could also participate in the TTF, but obviously this one takes top priority for me. Worked a bunch of you guys last year and hope to again next weekend. K4PG and I will mobiling through 21 FL counties calling "CQ FQP" around 14.035 (also 21.035 & 28.035 if condx permit) and 7.035 after the sun goes down on Saturday. We will be running an IC-706 at 100W to a Hustler vertical. Please give us a call if you hear us.

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

Date: Mon, 24 Apr 2000 04:19:58 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [68498] 50:50 Ohm Baluns.
Message-ID: <39042DDE.49FAC461@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang. I'm very curious about one thing regarding Baluns. Especially 1:1 designs.

In William Orr's Radio Handbook he has a broadband 1:1 balun for 50 Ohms. It is the same type of design used in the RF Bridge for the HP8505A S-Parameter test set. I am very familiar with this design and believe it to be extremely reliable.

In the RF bridge, TWO toroids were used on

the to wrap the coax around. The smaller mU core was closest to the RF output port, a capacitor to ground form the shield away from and on the other side of that core, and then the hi-mU, low frequency compensating balun picked up from there, finally grounded with a larger capacitor. The other, compensating balun core was set up the same way but used solid wire.

The length of the coax as remarked in Orr's book is 1/8 wave at geometric band center.

I am very surprised this balun is not specifically addressed in the antenna handbook I have, but it is a 18th edition, so perhaps it is elsewhere.

I plan on building one soon. Thought I'd share my enthusiasm for it.

-Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Mon, 24 Apr 2000 07:41:41 -0700
From: paul taylor <ptay1@miro.bestweb.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [68499] keying circuit
Message-ID: <3.0.32.20000424074036.006944a4@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking at the new Radio Shack 10m xcvr. Does anybody have an external keying circuit so the unit can be used on cw??

Date: Mon, 24 Apr 2000 06:51:06 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [68500] Iowa QRP Club at Des Moines hamfest

Message-ID: <000701bfade3\$5fc9b7e0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have a display table at the upcoming Des Moines hamfest this Saturday (April 29, 2000). If you are coming to the hamfest please bring along your latest project(s) for show-n-tell. I'm still interested in any vendor information so if any vendors want their info distributed by the club then get your material to me ASAP. Email me privately and I'll send you the address for shipment. If you are in the area, please join us for some great QRP fellowship. The hamfest will be held at the Iowa State Fairgrounds in Des Moines and the gates will open at 8:00am.

I hope to CU there!

72, John NU0V

Date: Mon, 24 Apr 2000 13:46:41 +0200
From: =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68501] A Good Book...
Message-ID: <013401bfade2\$c2147d00\$620a1fc0@magic.fr>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

Here is the url of the N0HFF's book.

To read, absolutely.

73's de Steph, F5NZY.
<http://www.qsl.net/f5nzy>

Date: Mon, 24 Apr 2000 13:50:03 +0200
From: =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68502] A Good Book, with url...
Message-ID: <014701bfade3\$3a8f1420\$620a1fc0@magic.fr>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Oups !

Sorry, the url is

www.joates.demon.co.uk/megs/N0HFF

----- Message d'origine -----

De : St phane Collas <scollas@club-confair.com>
 : Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Envoy : lundi 24 avril 2000 13:46
Objet : A Good Book...

> Hello all,
>
> Here is the url of the N0HFF's book.
>
> To read, absolutely.
>
> 73's de Steph, F5NZY.
> <http://www.qsl.net/f5nzy>
>
>
>

Date: Sun, 23 Apr 2000 17:36 -0400
From: "Jack Dougherty" <Jack_Dougherty@ccgate.ueci.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [68503] de 3CA/K0C0 Africa report
Message-ID: <20000424081523899-df1e0ca@ccgate.ueci.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Am here for a few more days in Equatorial Guinea, West Africa and pinched down the 706 today to see what 10 meters would yield at 4 watts to a dipole here. Only 1 US contact to KB3, but lots of activity at 28.06. Worked:

EA1AEH	SN3KLQ
GM8AT	G3LFE
UA3PII	YU1EQ
DL8BDF	OK1JKR
OK1MRC	HA2EOA
SM6CLU	ON3ON
DL1YD	M0BZQ
G3NSM	KB3MB
9A3JB	UT2UZ
PA0JLS	

The QRO boys moved in so I jumped down to the high power segments. Best was DK7QB/QRP who got in the QRO pile, and I pinched down again to 4 watts so we could have a 2xqrp Q. Him at 3 watts! Terrific stuff.

Will start Monday at 28.06 around 1900Z if anyone wishes to try. I'm looking for stateside QS0s.

3ca/K0C0
Jack
Houston, TX Como, CO Malabo, E.G.

Date: Mon, 24 Apr 2000 08:19:32 -0400
From: tailfeathers@juno.com
To: BenNW7DX@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [68504] Re: QRQ Net - where keyers and bugs are maxed out!!
Message-ID: <20000424.082807.-4116157.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ed started the sentences going at 25wpm and we finished the net with a top speed of 89wpm!!

> Here are the top speeds for all of the Checkins:

> WE6W - 70wpm
> NW7DX - 89wpm

> K7TQ - 35wpm
> W7IHN - 30wpm
> around 95wpm!
> encourage new checkins as well.

Well? that sounds like fun but for a beginner I would probably hear this
and say Ah! RTTY and turn the knob. :>) Any 25 wpm or less nets?
Gary

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Apr 2000 07:39:44 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [68505] QRPTTF Maritime Antenna
Message-ID: <GEBHPLMHCPHFBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

I'm planning to run QRPTTF maritime mobile from a lake in Scott County,
Minnesota, particular lake yet to be determined. This is a last minute plan now
made possible by the fact that I purchased a 14' fishing boat last Saturday!

However I'm working on figuring out what my antennas will be. I'm thinking of
running a 1/4-wave wire vertical on 20M, mounted on one side of the boat using a
20' Wonderpole (fiberglass fishing rod), and using a single 1/4-wave wire as a
counterpoise. I will have to dangle the last two feet or so of wire off the side
of the boat since I couldn't afford the 16' boat :)

Alternatively, I'm thinking of using a "hamstick" style mobile whip as a
counterpoise, to avoid the long wire getting in the way. I'm not sure how well
this will work until I try it out. I pick up the boat on Tuesday and will have to
experiment some then.

Also, if I stick to 20M do you think I'll have plenty of action, or should I try

to put a 40M antenna together too? It would be nice to focus my energy on getting one antenna put together.

Your thoughts, comments and wisdom are appreciated! See you on the air Saturday!

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Mon, 24 Apr 2000 07:41:25 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [68506] QRPTTF Antenna addendum
Message-ID: <FDJFKNKAKAIFBAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

With regards to my last e-mail, feel free to post replies to the whole group if you like, but please also send e-mail to me directly at nf9k@eudoramail.com, since I am now on the digest version and want to get people's commennts ASAP.

thanks!

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at

<http://www.eudoramail.com>

Date: Mon, 24 Apr 2000 09:17:20 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "baswaplist" <baswaplist@foothill.net>, "qrp" <qrp-l@lehigh.edu>
Subject: [68507] Have a Sun SS10 server running Linux (RedHat 6,1) to swap for pre
ww2 radio stuff
Message-ID: <200004241318.JAA03386@hat-trick.atl.org>

I like to mess around with LINUX and internet stuff in addition tl radio
and am
looking for a cross interest swap.

Looking for interesting (pre WW2 non-HRO National, or any other pre WW2
radio debris, esp transmitters and homebrew or highly modified prior to ww2
commercial stuff.) and have a Sun SS10 running Linux (RedHat 6.1 server) to
swap.

64meg, 1gig. OS and SW takes about 340meg of this.

Includes BIND(DNS software), Apache (web server) PHP(great scripting for
www)

PostgreSQL(nice relational SQL database), PERL(scripting language good
for www and general regex type work), SAMBA(file server for windows),
Sendmail(the ubiquitous mail transport agent), and some other goodies.
Has built in ISDN, 2 x serial ports, ethernet (10baseT). Has X so you can
use a remote Xserver if you prefer over a serial console.

Have sold a few of these recently in the \$175 to \$250 range.

-bob
wb4mnf
404-888-0389

Date: Mon, 24 Apr 2000 09:30:56 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <myetsko@insydesw.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [68508] RE: QST QRP page
Message-ID: <000101bfadf1\$52c18100\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good points Mike. Thanks for your note.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Mike Yetsko

Sent: Sunday, April 23, 2000 11:36 AM

To: Low Power Amateur Radio Discussion

Subject: Re: QST QRP page

Hi Alex,

I don't mean to take personal issue with your post, but I'd just like to say that I find mention of QRP in general in ANY mag in ANY way fortunate. While the content may not be to everyones liking, just the fact that it is there is a big plus for QRP.

As to your assertions...

If everyone wanted one car, there would be one manufacuter, one model, no options.

That shortsighted attitude almost put Ford out of business in the early years.

And they persisted, to the point of decidiing what radio was 'best' and even tying the 'then new' electric starter circuits THROUGH the radio (when then finally realized people wanted radios, but it had to be THEIR radios) and invalidating the warrantee of any car that had the radio replaced.

The same goes for HAM radio and QRP. What you think is best or better is NOT a hard fact, it's you're opinion. Almost everything is a tradeoff. And in my mind it's more incorrect to bluntly say X is better than Y the way you did than the way the radios were 'rated' in the article.

And it's NOT just a 'technical spec' that enters into this. There can be a real piece of junk out there that sells well for reasons as obscure as it has a good tuning knob. Or some really technically excellent piece of equipment that became a toad for something as off center as a speaker.

So, just remember, this is MY opinion, not a fact. (Other

than the fact that differences that are hard to define and quantify exist.)

I personally like and appreciate the articles in QST and hope they continue.

If you take issues, fine, but it's just your opinion, not a fact...

Mike

>Hi Roy:

>

>QST's latest "QRP Power" column was very disappointing to me. My feeling is
>that it leaves unknowing readers with the impression that the Heath HW-8 is
>better than an Argonaut 515! As an ex-Heath service tech, I've worked with
>many an HW-7, -8, and -9. Gosh, they're junk compared to any 505/509/515
>Argonaut.

>

>I've had an Argo 505, then two 509s, and I now own a 515, and the 515 is
>superb. It has silky smooth QSK, excellent receive and transmit quality
>(modulation), is drift-free, and is nicely constructed and relatively easy
>to repair, if need be. It's also backed up with a fairly good manual with
>useful schematics.

>

>What's more, the PT0 is exceptionally linear, so the dial calibration is
>quite accurate (yes, the slide rule portion with its quirky dial cord is
>always problematical at the end-of-travel, but that doesn't affect the dial
>calibration markings).

>

>The 515 is also very sensitive, free of microphonics, free of annoying
>images, and its receive section is reasonably selective. You can easily
>select USB, LSB or CW modes too. It's also nice that 10 meters is split
into
>multiple bandswitch segments.

>

>Roy, I've used the rig on our sailboat (where it has held up against salt
>air, and a lot of shock and vibration, with no ill effects). In the early
>days of AMTOR operations here it became a mainstay in my shack because of
>its fast turnaround delays. Also, K2RIW, a moonbounce pioneer, tells me the
>Argonauts are sought after by EME guys because they make the best IFs for
>moonbounce conversion on both recv and xmit.

>

>It's too bad the QRP Power section of QST seems to be shaping up like a lot
>of the rest of QST, with pabulum rig-review editorial, instead of
discussing

>the things about QRP that need telling and describing, such as using that
>single QST page to discuss the relationship--dB-wise--between, say a 100 W
>signal and a 3 W signal. Or, perhaps discussing useful circuits, showing

>rigs that QRPers use, discussing ways to measure power, ways to meter
>circuits, and ways to cut transmission line losses. Operating techniques
>could/should be covered too. The list could go on and on. Take a look at
>Sprat if you need an exemplar.

>

>So far, I find the QRP Power column in QST boring, boring, boring. If the
>editor and conductor of the column would take on some of the issues
>discussed on this list, I think it would make for better reading. That's my
>humble opinion. Anyway, I sure hope the column improves in the future.

>

>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

>

>

>

>

>

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>Roy

>Sent: Sunday, April 23, 2000 1:34 AM

>To: Low Power Amateur Radio Discussion

>Subject: QST QRP page

>

>

>I sure like the new QRP info in QST. I think the May 2000 is a great
>column, and should be read by all new to QRP. It might keep some of the
>disappointments at a minimum for new QRP folks, who may fall for some of
>the ebay type hype about so called "classic" QRP rigs. I learned the hard
>way with the Ten Tec 515. What a disappointment. Was able to get my money
>back out of it, and have learned my lesson about so called "rare" goods.
>Rigs that perform are not usually not rare or hard to find. If an HW- so
>and so rig was so great, the demand would keep the manufacture alive in
>most cases. What is hard to find these days is honest reporting, such as
>the value of a used HW-9 at \$150. When is the last time you saw one that
>low on this list? Ok, back in my shack. 73 Roy AB7CE

>

>

Date: Mon, 24 Apr 2000 10:01:11 -0400

From: Jim Dolson <jdolson@iserv.net>

To: QRP <qrp-l@Lehigh.EDU>

Subject: [68509] [OT] Low Power 555 Timer Chip?

Message-ID: <390453A7.D2DB1E55@iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for the lowest power consumption 555 timer chip. Ideally, one that runs at 3V. All the 555's that I found will only go down to 5V.

Any suggestions?

If possible, please respond directly to jdolson@iserv.net

Thanks,

Jim
wb8zbd

Date: Mon, 24 Apr 2000 10:03:53 -0400
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'jdolson@iserv.net'" <jdolson@iserv.net>
Cc: "'qrpl'" <qrpl@lehigh.edu>
Subject: [68510] RE: [OT] Low Power 555 Timer Chip?
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0BE1@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

John, try the TLC555. It's rated won to 2 volts. However the ouput drive capability is limited at such low supply voltages. Even rAdio Shack carries this!

Joe E.

You queried:

I am looking for the lowest power consumption 555 timer chip. Ideally, one that runs at 3V. All the 555's that I found will only go down to 5V.

Any suggestions?

If possible, please respond directly to jdolson@iserv.net

Thanks,

Jim
wb8zbd

Date: Mon, 24 Apr 2000 10:20:14 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Cc: dl2zav@online.de
Subject: [68511] Contest: TR-LOG in QRPTTF
Message-ID: <20000424142014.38816.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Udo, DL2ZAV, has provided me with a solution for logging the QRPTTF this Saturday pursuant to a request I made on the TR-LOG mailing list. Simply follow the instructions below and you can log normally. After the contest, a little massaging with the .dat file will produce a scored contest log and summary sheet. I tried it and it works EXCEPT for the .cfg line that reads:

```
dx multiplier = arrl dxcc with no usa canada kh6 or k17
```

This causes an error for me, so I commented it out.

Any questions, I can try and help you.

```
>From: "Udo Lautenbach DL2ZAV" <dl2zav@online.de>  
>To: "Mark Adams" <k2qo@hotmail.com>, <trlog@contesting.com>
```

1)>Make a copy of S50P13.DOM (or whatever is correct, this one counts 50 states and 13 provinces), name that copy QRPFIELD.DOM.
Add this line at the beginning of the file:

```
dx > 0 = DX  
This is > "zero" = (not letter 0), needed for dx stations.
```

2) Use this as QRPFIELD.CFG:

```
my call = dl2zav  
contest name = QRP to the Field  
exchange received = rst domestic qth  
literal domestic qth = true
```

```
domestic multiplier = domestic file
domestic filename = qrpfield.dom
dx multiplier = arrl dxcc with no usa canada kh6 or k17
; or what?
qso point method = ten points per qso
; merely a dummy - needs recalculation
qso by band = true
mult by band = true
display mode = color
```

3)
Log like this:
579 NY/MM or
579 NYMM (no spaces allowed)
for New York and Location is Marine Mobile.

For DX stations, prefix it with DX:
539 DXDLHO or 539 DX/DLHO or 539 DX/DL/HO
for if you copy a German station operating from Home.

So you can type just what you hear (almost), and you will get the multipliers correct, which I think is important. QSO points are correct nly for field stations.

4) After returning home, load your QRPFIELD.DAT into an editor.
Replace every MM by MM 25,
replace OC by OC 20,
WT by WT 15,
FD by FD 10,
HO with HO 5 (two spaces in between).
Now move those qso points to the QSO points column, replacing the 10 points that are there. Do this either manually, or with an editor that can handle rectangular selections. In German this is called "column block mode" what's the correct English term?), it's that what Word does when you hold down the Alt key while marking with the mouse. Realign the QSO points for dx stations, they are misaligned due to the longer exchange entered.

Do POST P to remove "0" multipliers left. Let TR calculate qso points and multipliers (POST L C). Calculate final result including your own location mult.

dl2zav@online.de

GOOD LUCK and see you in the Pileups on Saturday!!!

Mark K2QO
Operating with W2IV from the beautiful shores of Lake Erie.

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 24 Apr 2000 10:30:08 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68512] Nationwide SMiTe Hunt!!
Message-ID: <39045A70.77DA53E4@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

This summer the Knightlites will sponsor a Nationwide SMiTe Hunt similar to the Fox hunts. This time, we will be looking for SMiTes, those QRPp power surface mount rigs that put out about 250 MW.

Right now, we are calling for SMiTe operators. If you have a SMiTe, and would like to play, drop me a note. We ask that the SMiTe operators use the SMiTes to transmit, but may use any rig to receive. (The SMiTe receiver was rather broad)

We will have one hunt each week from May to August (this is the height of the SMiTe season). The time will be Sunday evenings at 9:30PM Eastern time (0130 UTC, Monday morning)

Hopefully, the SMiTe hunt will be a little slower paced and considerably more difficult than the regular FOX hunts. A great challenge and a test of QRPp power. So, if you'd like to be on the receiving end of the pile up, drop me a line.

Once we have a list of SMiTe operators, we'll divide up the weekends.

--

73,
Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Mon, 24 Apr 2000 10:32:46 -0400
From: "Randy Hargenrader" <randyh@harksystems.com>
To: <qrp-1@lehigh.edu>, <klqrp@waterw.com>

Subject: [68513] SMiTe Hunt!
Message-ID: <003201bfadf9\$f5a115e0\$c85f3cd0@randy.hark>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP'ers,

The KnightLites are going to "spice up" your Sunday nights with a little weekly operating fun! We are sponsoring a "SMiTe Hunt" which will be much like the popular fox hunts of QRP-L. It will be held each Sunday night at 9:30pm in place of the KL net and run from May through August ("SMiTe Season!").

We are soliciting folks with SMiTes to volunteer to be our wiley SMiTe'rs. The format is such that the SMiTe Hunters get to use any rig they want to track down and work the SMiTes. The SMiTe'rs must at least use a SMiTe for the transmitter.

Each Hunter gets a point for bagging the SMiTe. Keep your tally and report it at the end of the "SMiTe season". The most successful SMiTe Hunter will get a plaque award stating their SMiTe Hunting success.

Each SMiTe'r gets a point per QSO and the SMiTe'r with the most QSO's will also get a plaque indicating their success as well.

This "contest" is open to all and we would like to hear from any QRP groups for SMiTe'rs and participation information.

Please contact Bob Kellogg, AE4IC AE4IC@nr.infi.net with your desire to be a SMiTe'r or to give or get information.

Please watch the reflector for more information.

So, ye brave and fearless QRP'ers are hereby challenged by the Dragon known as QRN, and teased by the Witch known as QSB to capture SMiTe points and be victorious!!

Verily 72,
Randy WJ4P
for the KnightLites

Date: Mon, 24 Apr 2000 07:40:24 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>

To: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68514] Re: Antenna frustrations - Please, please rename the subject
Message-ID: <Pine.GS0.4.10.10004240732050.20968-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 Apr 2000, Jim Larsen AL7FS wrote:

> ...just in
> search of more efficiency.

Hi Jim,

While there is LOTS and LOTS of great info here on this list, it's NOT really efficient.

And I really think that if it ever became very efficient it would dry up and go away!

The fact that the list allows anyone to post almost anything without regard to how "right" or "wrong" it is encourages (sp?) everyone to contribute.

BUT.....

> Please make Subject lines mean something.

Yes, yes, yes!

Tis only a simple request. Anyone who can manage to post a message can also manage to make the Subject line fit the subject of the post.

And I always wonder why some people try to hide what their name is, what their call is and where they are from too.

Me???? Heck, I'm PROUD of my name, call and where I'm from so it doesn't bother me to let it show. :-)

Oh well.....back in that hole.....

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 24 Apr 2000 08:44:19 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: we6w@qsl.net
Subject: [68515] Re: 50:50 Ohm Baluns.
Message-ID: <39045DC3.7DA97723@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ed - your comment reminded me that ARRL again has published Jerry Sevick's "Transmission Line Transformers" book which address the un-un transformers of less than 1:1 and in chapter 9, the 50 ohm 1:1 balun. At least in my copy which was published in 1990 by ARRL, it does. Perhaps they no longer include info in the handbooks (general info and antenna) that has or is appearing in a more dedicated book. I guess that is why a lot of us continue to hang on to older versions of the Handbook. The Sevick book is listed in the ARRL publications brochure for Spring/Summer 2000.

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Mon, 24 Apr 2000 09:43:56 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [68516] Re: QST QRP page
Message-ID: <200004241443.JAA32579@mail.lib.colum.edu>

Please note that none of what I say here is intended to fan any "flames".

First of all, most anything written in a feature column in a magazine or newspaper represents the opinions of one person (or at best, a small group of people.) If you disagree with what someone writes, by all means send a calm, reasoned letter to him or the editor presenting your viewpoint. That's why

such letters are published, to let you present the other side.

Second, it seems to me that back when either the Argonaut 509 or the Heathkit HW-8 were in production, QST didn't even have a QRP column. In fact, the League seemed to be doing its best to pretend that QRP didn't exist. Even if you disagree with the content of the present column at times, isn't it a major step forward that there IS such a column?

As for weighing HW-7/8/9 against various Ten-Tec products, that seems to me to be comparing apples to oranges (or maybe grapefruit.) Likewise, comparing either of these product lines to the many fine SINGLE-BAND transceiver or transmitter projects available today isn't very valid. They are completely different tools, with different audiences of users. And those older rigs had a somewhat different operating environment to cope with as well. Personally, I wouldn't suggest either the HW or the Argonaut lines to a QRP beginner today UNLESS I knew they were interested in tweaking and modifying the rigs to improve performance. And I say that even though I use an unmodified HW-8 myself. The operating skills needed to use those older rigs effectively are not a clean match to the skills developed and exercised by those who cut their teeth on equipment designed and built in the 1990s, just as the earlier techniques of the 1970s are not a clean fit to the skills needed to operate with a discrete RX/TX vacuum tube pair from the 1950s or earlier. It really is necessary to fit the QRP starter rig to the interests and experience of the would-be operator, I'd say.

As for claims about the going price for an HW rig, remember that prices for anything of this sort can vary wildly from one geographic area to another. I'd also expect a decent HW to fetch more at a QRP fest or when advertised to a QRP audience than it would at a large general hamfest or auction.

And no, even if the HW rigs had been stellar in design quality, they could not have kept Heath going by themselves. Remember that Heath was much bigger and derived most of its income from sale of hundreds of other kinds of equipment. In fact, the majority of stuff in the catalog was usually not even ham-radio related, let alone QRP! So saying that Heath went out of business because an HW-9 wasn't as good as something from Small Wonder or Oak Hills simply doesn't wash. It's that apples to grapefruit comparison again. And using rigs designed and distributed by non-profit groups like NORCAL or NJQRPC is even less valid for comparison...

(Actually, I seem to remember that Heathkit started out by offering a build-it-yourself AIRPLANE, not even electronics. Anyone remember if that was true?)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffe/>

Date: Mon, 24 Apr 2000 09:55:32 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [68517] Re: NO Antennas Allowed!
Message-ID: <200004241455.JAA32645@mail.lib.colum.edu>

I agree that political feuding has no place on this list.

However, the subject of antennas, antenna design, and how to make an antenna that works under difficult conditions certainly seems appropriate to me.

There are two valid approaches to the covenant/restriction situation. Either you come up with a "hidden" design that meets approval or remains undetected by the enforcing authorities, or you MOVE!

Both approaches are perfectly valid. I believe the reason the FCC has so far avoided becoming ensnarled in overriding the covenants is that these are generally viewed as "voluntary". By choosing to live in a certain area or development that has restrictions, you accept the requirements. Such requirements often include the kinds of fences allowed, if any; the color you can paint your house; even the kinds of vegetation you can plant. Personally I don't go along with any of that kind of enforced conformity, so I don't live in places that try to apply such restrictions. These agreements are generally "private" in nature, and only carry the force of law insofar as the owner or buyer or renter is considered to have AGREED to a contract. Cases involving zoning boards or local governments, as opposed to homeowners' organizations or "clubs" DO fall under PRB-1.

In any case, there are a lot of effective antenna designs possible that will not usually attract negative attention. The main problem is likely to be frequency of operation. The higher bands are much easier to hide an antenna for!

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffe/>

Date: Mon, 24 Apr 2000 11:05:30 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [68518] [OT] more on screwdriver repair
Message-ID: <00fe01bfadfe\$894bae00\$17d079a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who have responded so far. I want to correct a couple of false impressions I may have created.

First, I bought this unit used, not from W6AAQ.

Second, apparently W6AAQ has pretty severe health problems which explains his non-response to my issue (which didn't really upset me anyway because his manual states clearly that he does not supply parts or repair service).

Third, I have already filed the claim with UPS. Yes, it is a shame that you contract with someone to ship something somewhere and you have to pay extra to cover it against the damage they will likely do to it in transit. It's also a shame that one cannot get the same story twice on their policies until you raise heck with their management. Pressing for more money than the coverage, getting lawyers involved, etc., is not worth it to me.

Fourth, most people so far have agreed that the inner coil form tube is made of PVC and that my idea of repairing it by inserting a PVC coupler with PVC cement is the correct way to do it. I suspect when I'm done with this, it will be better than new (as long as I don't hit anything with it as hard as UPS did!).

Thanks again,
Dave K8TRF

Date: Mon, 24 Apr 2000 08:13:35 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [68519] Digital modes with milliwatts
Message-ID: <20000424151335.1135.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its been awhile since I've posted here. I've been exploring psk31 and RTTY.

The psk31 free software, and a stereo cable is all you need to read the mail on psk31. Just connect a stereo cable between your sound card speaker jack, and external speaker jack on your rig. Or the headphone jack will work.

Once the software is setup there you go! Naturally reading the mail is only step #1.

The rest of the circuit is pretty easy. Soldering the few little parts inside the mic plug, and D9 connector is a bit "tight". But fun!

The new Rigblaster package seems like an even easier way to go. And the price I saw in the latest QST isnt too bad.

My 1st psk31 contact was with a XE1 stn. I started at 700mW and reduced to 10mW and still he had copiable print there.

I've gone on and made many many more DX contacts, and hardly ever had to use more that 800mW.

Then I found another interesting older digital mode, RTTY was available to me via sound card software.

The program is called TrueTTY by UA90SV, and a trial version is available at <http://www.dxsoft.com>

The trial version isnt too crippled either! Its quite useable. The registered version is \$35. and I was happy to pay it. There is also a logging companion available called AaLog. If you are registered for TrueTTY, AaLog is \$25.

You can use a credit card, and its all done on a USA based website. I used plastic and had no problems.

TrueTTY also does psk31 very well! But for some reason AaLog cant log psk31.

The best part of this is the hook up is EXACTLY the same on psk31 and RTTY! Two for one .. cool

For fun I jumped in on the EA RTTY, and SP RTTY DX contests this month. It was fun makeing contacts this way, but I've got allot to learn.

Too bad the psk31 Rumble didnt turn out too good. I was looking forward to warbleing big time, but activity was light. Only the 2nd year for the Rumble, so it'll grow in the future.

So as far as digital contesting goes, psk31 is not the new King. RTTY still has more active folks. And its very QRP friendly.

I get no kickback from the makers of TrueTTY or AaLog, I'm just a happy user.

Have fun with all digital modes, including the oldest mode, CW! See everyone in the QRP To The Field event this comeing weekend!

72/3's de Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Send online invitations with Yahoo! Invites.
<http://invites.yahoo.com>

Date: 24 Apr 00 08:17:12 PDT
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [68520] Re: Help to identify qrp Xmtr
Message-ID: <20000424151712.3304.qmail@nwcst314.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Don,

What you have is a QRP Xmtr that is sold surplus by Fair Radio Sales in Lima, Ohio. Below is the information from their website:

SW-1 SHORT-WAVE CW EXCITER/TRANSMITTER by Ryan Communications; tiny 2"x4" = high quality circuit boards cover active segments of ham radio low band frequencies: 3.5-4, 7.0-7.3 or 10.1-10.15 MHz @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input is varied from 10-16 VDC. RF Harmonics > 30 db. Has 2N3019 power amp transistor & double Pi net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. Specify: =

BAND 7-7.5 MHz \$20.00 =

BAND 1.8-2.0 MHz, \$32.00 =

The URL for the catalog transmitter section and for a picture of the rig is:
<http://www.fairradio.com/trans.htm>

Look down the listing for the SW-1 info.
I'd like to hear more if you get it on the air.

73,
Mike KL7IXI/7
Poulsbo, WA

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Mon, 24 Apr 2000 11:21:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68521] Re: NO Antennas Allowed!
Message-ID: <001401bfae00\$bbe763c0\$2101a8c0@insydesw.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary,

I agree about the covenants, they are generally considered to be private contracts. And the only way to break them is to get the 'association' or whomever is now title holder to the agreement to abdicate, or to show they are already 'busted' by non-compliance.

> In any case, there are a lot of effective antenna designs possible
> that will not usually attract negative attention. The main problem
> is likely to be frequency of operation. The higher bands are much
> easier to hide an antenna for!

But as to 'hidden' antennas, I've found that it's the type of antenna. VHF and up you can usually hide because it's inside. But be in an apartment type environment, and you can be out of luck. Or even in a condo with a metal roof!!

Then again, a metal roof, and a skylight.... You know, I wonder how a 'through the glass' dual-band antenna would work on a skylight....

While VHF and up can be hidden easily due to size (ok, 10 element beams are not so easy to hide) I think a lot of HF stuff can be hidden as well. But then, it depends.... If you have trees, then you can

hide easily. I've used transformers... No, not to feed the antenna. To

BE the antenna. In the days of the old AM radios with tubes and BIG IF cans with miles of wire, I used to break open the old IF cans and carefully unwind the wire, and use that for SWL. I'm sure that would also work well for QRP... And you'll NEVER spot that wire in a tree, it'd be like a cobweb. (Hmm, an old Mission Impossible comes to mind when they found the wire in the bush like a spiders web)

Mike

Date: Mon, 24 Apr 2000 08:18:11 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Gary Lee Phillips <ka9nzi@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68522] Re: NO Antennas Allowed!
Message-ID: <Pine.GS0.4.10.10004240810040.20968-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 Apr 2000, Gary Lee Phillips wrote:

> Either you come up with a "hidden" design that
> meets approval or remains undetected by the enforcing
> authorities, or you MOVE!

You bet!

> Both approaches are perfectly valid. I believe the reason the
> FCC has so far avoided becoming ensnarled in overriding the
> covenants is that these are generally viewed as "voluntary".

I don't think the FCC can get involved in contracts between
individuals. The Constitution prevents that. (If they chose
to go by that!)

I am also one that will not live in such restricted places.

It took me many years to get into a position where I could
buy the little place I just sold and have some nice towers
and antennas.

Maybe I'm a bit simple minded (egad! I can feel all the heads
going up and down way over here!) but I have always thought
that if people just don't buy in those places, soon the
builders will stop doing that!

And the good guys wear white hats and ride nice horses
too!

But it's all a matter of priorities.....and if antennas
are not at or near the top of the list..... :-)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....

.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>.....

Date: Mon, 24 Apr 2000 11:46:32 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68523] Re: NO Antennas Allowed!
Message-ID: <00c901bfae04\$445b4e80\$ee230e3f@paulc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the best articles I have read concerning the comparison and contrast of the governmental versus homeowners' association property restrictions is in the April 2000 issue of CQ Magazine, in the "Zero Bias" editorial column.

What is not apparent to many people is that equal protection and due process of personal rights and freedoms are accorded through the U.S. Constitution's Fifth and Fourteenth Amendments (State due process and ALL equal protection through the 14th Amendment, and Federal protection through the 5th Amendment). Interestingly, cases and controversies that involve Constitutional rights never apply to private parties. While it may be true that a person, entity or corporation has violated a law (e.g., federal statute), these entities can never be found guilty of violating a provision within the Constitution. Only the government can be found to violate the Constitution.

Over the years, there have been an increasing number of homeowners' associations who function as de facto local governments. But in fact, they are private organizations. In my opinion, every homeowners' association, regardless of its size, should be treated as though it has the enumerated powers of a local government (If they do, therefore they are), when the association functions as a traditional governing body. Some of these private associations (like mine) have become so large through their planned unit developments, that they manage the police, fire, waste and water resources. Does that sound like a homeowners' association to you or a local government?

-Paul, W9AC

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, April 24, 2000 11:19 AM

Subject: Re: NO Antennas Allowed!

>On Mon, 24 Apr 2000, Gary Lee Phillips wrote:

>

>> Either you come up with a "hidden" design that
>> meets approval or remains undetected by the enforcing
>> authorities, or you MOVE!

>

>You bet!

>

>

>

>> Both approaches are perfectly valid. I believe the reason the
>> FCC has so far avoided becoming ensnarled in overriding the
>> covenants is that these are generally viewed as "voluntary".

>

>

>I don't think the FCC can get involved in contracts between
>individuals. The Constitution prevents that. (If they chose
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>that if people just don't buy in those places, soon the
>builders will stop doing that!

>

>And the good guys wear white hats and ride nice horses
>too!

>

>But it's all a matter of priorities.....and if antennas
>are not at or near the top of the list..... :-)

>

>OK, back in my hole.....

>

>73, Ron

>

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

>....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....

>.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

>....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

>

Date: Mon, 24 Apr 2000 12:11:54 EDT
From: JClinton46@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [68524] Re: NO Antennas Allowed!
Message-ID: <bc.42fa885.2635cc4a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There can be another reason for a ham living in a restricted community. I moved to a community with no outside antennas years ago. I liked the house and the neighborhood (the first to meet my needs after months of looking) and the antenna restriction meant nothing since cable was the only way to get decent TV reception (70 miles to metro TV stations) and at the time I was not a ham. Even after I got a license my initial interest was VHF/UHF so it still didn't matter.

I am not willing to move (even if my family would let me), so I just do the best I can with attic dipoles, etc. We are all restricted in some way, money, location, etc. Hidden antennas is just another opportunity for creativity.

73
Clint Poss
KE4FDT

Date: Mon, 24 Apr 2000 09:17:34 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68525] Re: QST QRP page
Message-ID: <Pine.GS0.4.10.10004240824360.21508-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

No single column (or even whole magazine) can or will be all things to all people.

Goals are set and that guides the content.

While I have found the ARRL to always be very supportive

of QRP (at least since I became a ham in 1953) this is the first time they have ever had a regular QRP column in QST.

Both Rich and the ARRL deserve a pat on the back for this.

For those who think the content should be different, send your suggestions to Rich. He would be happy to have all those ideas. Believe me, it's not easy to always come up with good ideas for your column.

And you are also encouraged to write an article for QST. If you have a story that you think lots of others might like reading, write it up.

Even if you don't get it into one of the "major" magazines, it might be just right for one of our own QRP publications!

OK, back in my hole again.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 24 Apr 2000 10:43:30 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [68526] FS: Heathkit HW-202
Message-ID: <Pine.LNX.3.95.1000424102411.1737A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a Heathkit HW-202 that I was going to fix "some day" but I have too many other irons in the fire so I have it for sale now.

This crystal controlled 2 mtr rig is in the following condition:

(1) - the receiver works.

(2) - the xmtr section needs a new final and I am including some final transistors the condition of which I do not know.

(3) - the on-board crystals look like: 04/64, 52/52, 28/88, 40/00 and 37/97. (as far as these old eyes can tell)

(4) - I am including the original "white" microphone plus a Micoder microphone.

(5) - the rig is "apart" a bit but easily put back together.

(6) - it comes with complete enclosure + mounting bracket.

(7) - the original manual is included.

(8) - the top part of the case is an 8 out of 10.

(9) - it has a BNC on the back for antenna connection.

(10) - the selling price is \$30.00 US + shipping which will be done via Express Post with insurance is included. (which is why I will ship using this method unless the buyer has another preferred shipping means.)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 24 Apr 2000 12:48:02 EDT
From: JClinton46@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [68527] ARRL web site
Message-ID: <e2.38d618f.2635d4c2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Anyone else having problems getting into the ARRL website? I keep getting the "page cannot be displayed" message.
Thanks

Clint Poss
KE4FDT

Date: Mon, 24 Apr 2000 10:22:32 -0700

From: neil <neil@aaade.com>
To: JClinton46@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68528] Re: ARRL web site
Message-ID: <390482D8.7C346831@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Same here
Have you guys been paying your dues?

--

Neil
<http://www.aaade.com>
<mailto:neil@aaade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Mon, 24 Apr 2000 13:44:12 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [68529] Re: ARRL web site
Message-ID: <v03102804b52a374a6b8b@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Clint, KE4FDT, writes;

>Anyone else having problems getting into the ARRL website? I keep getting the
>"page cannot be displayed" message.

I've found that old versions of Netscape will display this exact message
when it can not load a Java rich page. It's a browser's way of letting you
know it's too old to deal with the latest Java scripting. Even with the
proper plug-ins, old versions of Netscape can't deal with newer Java
scripts.

Upgrade Netscape or MS IE to the latest version for your operating system
and the message should go away. If not, shoot your computer and spend more
time on the air. <g>

72,

Rick kf4ar

Date: Mon, 24 Apr 2000 12:42:13 -0700
From: Dick Carroll <dixie@townsqsr.com>
To: ka9nzi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [68530] Re: QST QRP page
Message-ID: <3904A395.40F5AFD3@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Lee Phillips wrote:

>
> I seem to remember that Heathkit started out by offering
> a build-it-yourself AIRPLANE, not even electronics. Anyone remember
> if that was true?)

I don't go back that far, but the history I remember says
that Heath's first kit was the Heath Parasol, a singleplace
high-wing aircraft kit.

73, Dick W0EX

Date: Mon, 24 Apr 2000 12:45:27 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <neil@aaade.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [68531] RE: ARRL web site
Message-ID: <0000001bfae14\$e121a240\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"According to my research" the ARRL web server is not running. I am getting
a "not listening" error from that machine. It seems that their web server
is just down.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> neil
> Sent: Monday, April 24, 2000 12:23 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL web site
>
>
> Same here
> Have you guys been paying your dues?
>
> --
> Neil
> <http://www.aade.com>
> <mailto:neil@aade.com>
> Almost All Digital Electronics
> 1412 Elm St. SE
> Auburn, WA 98092
> 253-351-9316
>
>
>

Date: Mon, 24 Apr 2000 13:49:16 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68532] Re: ARRL web site
Message-ID: <003701bfae15\$6e1cf140\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No need to plug for an upgrade, the server is apparantly offline.

Although the error reported may not exactly be descriptive of the true situation. But then, if the server is offline, the page truly can't be displayed, right?

Mike

> Clint, KE4FDT, writes;
>
> >Anyone else having problems getting into the ARRL website? I keep
getting the
> >"page cannot be displayed" message.
>
> I've found that old versions of Netscape will display this exact
message
> when it can not load a Java rich page. It's a browser's way of
letting you
> know it's too old to deal with the latest Java scripting. Even with
the
> proper plug-ins, old versions of Netscape can't deal with newer Java
> scripts.
>
> Upgrade Netscape or MS IE to the latest version for your operating
system
> and the message should go away. If not, shoot your computer and spend
more
> time on the air. <g>
>
> 72,
>
> Rick kf4ar

Date: Mon, 24 Apr 2000 12:46:04 est
From: brian@iquest.net
To: "Richard E. Robinson" <rerobins@email.uncc.edu>, "Low Power Amateur Radio
Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <3904885c.1cea.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was just on the site with IE 5.0 and all appears to be working.

72

>Clint, KE4FDT, writes;
>
>>Anyone else having problems getting into the ARRL website? I keep getting
the
>>"page cannot be displayed" message.

>
>I've found that old versions of Netscape will display this exact message
>when it can not load a Java rich page. It's a browser's way of letting you

>know it's too old to deal with the latest Java scripting. Even with the
>proper plug-ins, old versions of Netscape can't deal with newer Java
>scripts.
>
>Upgrade Netscape or MS IE to the latest version for your operating system
>and the message should go away. If not, shoot your computer and spend more

>time on the air. <g>
>
>72,
>
>Rick kf4ar
>
>
>
>

Date: Mon, 24 Apr 2000 13:15:01 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [68534] Re: SMK-1: Will Ship Wednesday
Message-ID: <000501bfae19\$02b9a700\$d4365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Call NASA! Or at least somebody call somebody!
I want to report a time warp!
The SMK kits aren't supposed to ship until Wednesday,
and I already have mine! It arrived in the mail in this morning.
There's a little 124 on the box, so I don't think I'm anybody
special. And I live in the middle of nowhere Indiana.
The kit looks interesting and I appreciate the effort to make it.
But would one of you guys send me a copy of Thursday's WSJ.
I want to use the time warp to make some investments.

Jim, WD9EYB

Date: Mon, 24 Apr 2000 13:25:01 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <brian@iquest.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [68535] RE:
Message-ID: <000001bfae1a\$68306cd0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nope, be sure that your IE5 isn't set to "Work Offline." I checked 30 seconds ago and it's still down.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> brian@iquest.net
> Sent: Monday, April 24, 2000 12:46 PM
> To: Low Power Amateur Radio Discussion
> Subject:
>
>
> I was just on the site with IE 5.0 and all appears to be working.
>
> 72
>
>

Date: Mon, 24 Apr 2000 18:32:30 GMT
From: k1vp@lawson-philpot.com
To: myetsko@insydesw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68536] Re: ARRL web site
Message-ID: <20000424.18323009@office4.office.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Well, I just tried it with IE5 and no go. Anyone who has recently got=20=
it to display is looking at a cached page from their browser IMHO=20=

because it seems the DNS entry for www.arrl.org is broken. Whether=20
the site is down is another issue. It may be as well, but you can't=20=

get there without an IP number so who knows.

Ed Lawson

Date: Mon, 24 Apr 2000 13:35:56 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'dixie@townsqr.com'" <dixie@townsqr.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [68537] RE: QST QRP page
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20A57@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

That's absolutely correct, Dick!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Dick Carroll [mailto:dixie@townsqr.com]
Sent: Monday, April 24, 2000 2:42 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QST QRP page

Gary Lee Phillips wrote:

>
> I seem to remember that Heathkit started out by offering
> a build-it-yourself AIRPLANE, not even electronics. Anyone remember
> if that was true?)

I don't go back that far, but the history I remember says
that Heath's first kit was the Heath Parasol, a singleplace
high-wing aircraft kit.

73, Dick W0EX

Date: Mon, 24 Apr 2000 12:41:17 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: secondclassopsclub@egroups.com
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [68538] Re: second class acitvity repot..err...report.
Message-ID: <Pine.LNX.3.95.1000424122535.10941A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this eh!?!.....
I'm experimenting with an LM386 audio amplifier for my SW-30 qrp
rig...need more audio.....the LM386 is powered with a 9 volt
battery....it's something I found in my junque box....hey, it works...well
why not power it from my 12 vdc battery that I use to power the
SW-30?....sure, good idea....hook it up....turn it on..... now are those
smoke signals Farnsworth or what from the LM386 circuit?...uh, oh,oh...
....panic.....unhook the connections to the battery ASAP!!!!
.....assume I've cooked the LM386.....hook the 9 volt battery back up
to confirm dead chip...and it WORKS!?!?.....be careful now Bruce....you
don't want to learn anything from this eh?....your LM386 only has 2 lives
left....that's what the "3" means in the "386"?....don't push it ...don't
you dare try to hook it up again to the 12 volt battery and find out the
"why did that happen" thing....you'll smoke the last 2 lives for sure....
.....ahh, second class!

.....72 - hambly, the Scribe.-

Date: Mon, 24 Apr 2000 13:48:07 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [68539] Re: ARRL web site
Message-ID: <390496E7.581C00DD@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interestingly, the error message here is:

"Netscape is unable to locate the server www.arrl.org."

This implies that the DNS server(s) for the arrl.org domain are
offline, unreachable, or dead. I'm quite sure there is nothing on
the ARRL pages that is so cutting edge as to require the absolute
latest memory-busting version of Netscape or IE. They usually

work just fine with version 3 of either. (Kudos to the web folks at the League for that. I'm sick of seeing Java errors when all I'm trying to do is read plain text.)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 12:51:10 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Message-ID: <Pine.LNX.3.95.1000424124859.10941C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Heathkit HW-202 has been spoken for by Bill Robbins....thank you all.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 24 Apr 2000 13:54:56 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [68541] Re: ARRL web site
Message-ID: <39049880.A75D7135@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yup, it's the name servers that are flooey. I can connect OK if I use the numeric IP address:

<http://209.140.206.201/>

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 13:55:17 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [68542] arrl.org web site
Message-ID: <0974781F4FC8D211A24600902727E806011B2110@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

Using MS Internet Explorer 4.0

Could not establish a connection with the site.

Hal

Date: Mon, 24 Apr 2000 14:09:45 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [68543] My SMK-1
Message-ID: <000b01bfae20\$a78d3920\$f8365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I put a picture of the contents of my SMK-1 on my web page.
<http://www.indiana.net/~wd9eyb/smk1.jpg>

Jim, WD9EYB

Date: Mon, 24 Apr 2000 15:10:23 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <hdeitz@ms.rose.cc.ok.us>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68544] Re: arrl.org web site
Message-ID: <004301bfae39\$e658a040\$d791173f@pavilion>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang- they were down as of this morning-including e-mail.

73- Dave, NN1G
Newington, CT

-----Original Message-----
Subject: arrl.org web site

>All,
>
>Using MS Internet Explorer 4.0
>
>Could not establish a connection with the site.

Date: Mon, 24 Apr 2000 15:13:48 -0400
From: tailfeathers@juno.com
To: qrp-l@lehigh.edu
Subject: [68545] Magazine Articles abt Qrp
Message-ID: <20000424.151351.-3993227.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

March 2000 Popular Communications had a couple pages on the Qrp subject.

April 2000 CQ Magazine had 3 pages about Qrp and 4 pages about keys and paddles.

Something you seldom hear on this list is anything about cw. As a beginner is it just a given that Qrp means cw? I for one like and need more basic articles at least to get started in this Qrp thing. So if some of you guys want to come down on my level once in a while that would be good. I'm a fast learner.....

Gary n8gsj

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Apr 2000 15:20:46 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <j.p.osburn@ieee.org>, <qrp-1@Lehigh.EDU>
Subject: [68546] Re: My SMK-1
Message-ID: <s904665c.052@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Neat! I want mine. Solder, solder! Where is the friggin solder!

>>> "James P. Osburn, P.E." <j.p.osburn@ieee.org> 04/24 2:09 PM >>>
I put a picture of the contents of my SMK-1 on my web page.
<http://www.indiana.net/~wd9eyb/smk1.jpg>=20

Jim, WD9EYB

Date: Mon, 24 Apr 2000 15:31:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <tailfeathers@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68547] Re: Magazine Articles abt Qrp
Message-ID: <004001bfae23\$f82dc220\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, I'm having a blast running 5W pep on my new K2!!

Mike
N1DVJ

> Something you seldom hear on this list is anything about cw. As a
> beginner is it just a given that Qrp means cw? I for one like and
need
> more basic articles at least to get started in this Qrp thing. So if

> some of you guys want to come down on my level once in a while that
would
> be good. I'm a fast learner.....
>
> Gary n8gsj

Date: Mon, 24 Apr 2000 15:29:48 EDT
From: JClinton46@aol.com
To: ka9nzi@arrl.net, qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [68548] Re: ARRL web site
Message-ID: <c3.47fe882.2635faac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/24/2000 2:56:57 PM Eastern Daylight Time,
ka9nzi@arrl.net writes:

<< Yup, it's the name servers that are flooey. I can connect OK if
I use the numeric IP address:

<http://209.140.206.201/>

-- Gary Phillips, Marengo, IL >>

Thanks Gary - Just learned something. The numbers did connect while the name
would not. Now how do I find a site's numeric IP address?

73
Clint Poss
KE4FDT

Date: Mon, 24 Apr 2000 14:45:51 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: JClinton46@aol.com, qrp-l@lehigh.edu
Subject: [68549] Finding the numeric IP address, was: Re: ARRL web site
Message-ID: <200004241945.0AA03066@mail.lib.colum.edu>

>> <http://209.140.206.201/>
>>
>> -- Gary Phillips, Marengo, IL >>
>

> Thanks Gary - Just learned something. The numbers did connect while the name
> would not. Now how do I find a site's numeric IP address?
>
> 73
> Clint Poss

How to do this depends on your software and operating environment. In UNIX or Linux, and possibly Windows NT, the command "nslookup" will usually help you find this information. The ins and outs of using it are quite extensive, though, and more than I can give in a single message. Briefly, the command queries your local nameserver first. A negative response there will lead to queries to any backup servers you have defined. However, in this particular case, the normal search path is failing since ultimately it leads to the League's web server, which is offline or not working. I had to try some other large sites that might still be holding the desired address in cache before I got the numeric.

For Windows 95 or Macintosh, I don't know if there is any nslookup command available.

Now once you get the numeric, whether it will let you connect depends on whether the web server is up and running. Whether you can link to dependent pages also depends on the way the web authors at the remote site have written their HTML. If they use "relative" addressing, you will be fine. If they use "absolute" addressing, then everything you try to click on will still generate the original error message. In the case of arrl.org, most of the links are working but a few seem to be hard coded to absolute names that don't work without a working name server to resolve them.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 12:59:25 -0700
From: Jim Boyle <jmb@cruzio.com>
To: qrp-1@Lehigh.EDU
Subject: [68550] Re: RIGblaster/QRP+/PSK-31
Message-ID: <4.3.2.20000424125825.00ae56e0@mail.cruzio.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Their webpage says 3 business days for shipping orders. I've sent them an

inquiry and will post back with their reply.

Jim
K6JMB

Date: Mon, 24 Apr 2000 16:03:49 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <ka9nzi@arrl.net>, <qrp-1@Lehigh.EDU>
Subject: [68551] Finding the numeric IP address, WIN 95, 98, NT
Message-ID: <s9047080.021@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

A super simple way. =20

At the command prompt type:

ping www.ibm.com

You will see:

Pinging www.ibm.com [198.133.17.99] with 32 bytes of data:

=20

Substitute the name of the server you are looking for in place of my IBM =
example and you will get the IP # of the server!

73

Randy.=20

>>> "Gary Lee Phillips" <ka9nzi@arrl.net> 04/24 2:45 PM >>>

>> http://209.140.206.201/=20

>> =20

>> -- Gary Phillips, Marengo, IL >>

>=20

> Thanks Gary - Just learned something. The numbers did connect while the =
name=20

> would not. Now how do I find a site's numeric IP address?

>=20

> 73

> Clint Poss

How to do this depends on your software and operating environment.
In UNIX or Linux, and possibly Windows NT, the command "nslookup"=20

will usually help you find this information. The ins and outs of=20 using it are quite extensive, though, and more than I can give in=20 a single message. Briefly, the command queries your local nameserver=20 first. A negative response there will lead to queries to any backup=20 servers you have defined. However, in this particular case, the=20 normal search path is failing since ultimately it leads to the=20 League's web server, which is offline or not working. I had to=20 try some other large sites that might still be holding the desired=20 address in cache before I got the numeric.

For Windows 95 or Macintosh, I don't know if there is any nslookup=20 command available.

Now once you get the numeric, whether it will let you connect depends on whether the web server is up and running. Whether you can link to=20 dependent pages also depends on the way the web authors at the remote site have written their HTML. If they use "relative" addressing, you=20 will be fine. If they use "absolute" addressing, then everything you=20 try to click on will still generate the original error message. In=20 the case of arrl.org, most of the links are working but a few seem to be hard coded to absolute names that don't work without a working=20 name server to resolve them.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>=20
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 15:11:25 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: <qrp-1@Lehigh.EDU>, "Randy Randall" <RANDALLR@Healthall.com>
Subject: [68552] Re: Finding the numeric IP address, WIN 95, 98, NT
Message-ID: <200004242011.PAA03414@mail.lib.colum.edu>

From: "Randy Randall" <RANDALLR@Healthall.com>
> You will see:
>
> Pinging www.ibm.com [198.133.17.99] with 32 bytes of data:
>

That's true, but only if the name servers are working. And if they are working, the problem doesn't arise and you don't need to look up the numeric. By using "nslookup" you can specify the server to be queried, by its own numeric address if need be,

and can often obtain the translation even if your local or the default remote server is unreachable.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 16:17:24 -0400 (EDT)
From: Bradley Mitchell <wb8ygg@juno.com>
To: qrp-1@lehigh.edu
Subject: [68553] Batteries, Switching supplies etc.
Message-ID: <382765674.9566074444650.JavaMail.root@web127-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All, as you probably know, last year I bailed out of Embedded Research due to my work, an home demands.

But on occasion , I still read the digest.
I especially enjoyed the discussion about batteries.
Which leads into a favorite topic of mine.

I look at a lot of the qrp designs that were generated over the past several years, and it seems that there is a lot of opportunity for someone to use some of the newer technology switchers in designs. For instance Linear Tech came out with a new switcher that is in a sot 23-5 package that can be configured as a buck, boost or buck boost topology, and can generate many milliamps doing this.

Also, there are some synchronous switchers out there that are quite nice for even higher efficiency. (Synchronous doesn't require external diodes).

We're doing the QRP thing trying to do more with less, then we put a cheap and dirty 78L08 regulator on a rig (as an example) and throw away a lot of power to heat.

I would really like to see a new surface mount rig design that took advantage of these switchers. And then do a side by side comparison of the old method, and the new. You would be shocked at how much operating time we throw away.

(Not that I have any).

Plus we would have more torroids to wind per rig!! :-)

Food for thought.

73

Brad WB8YGG

Date: Mon, 24 Apr 2000 15:30:32 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [68554] RE: Batteries, Switching supplies etc.
Message-ID: <0974781F4FC8D211A24600902727E806011B2112@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Brad et all,

Yea Brad! You are right on target. Just think, we could have a 28 hour contest instead of a 24 hour one. :-) All kidding aside, Brad has a good idea. All you guys designing those low milliamp rigs need to sell us some super efficient power sources.

As I am writing this, I am thinking that most of these rigs run off of twelve volt batteries anyway, so if the savings isn't in the main source of power, do we save that much for the parts of the circuit that require less? Just where would you use such a device on a QRP rig?

Hal

Date: Mon, 24 Apr 2000 16:36:02 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <ki6ds@hotmail.com>, <qrp-1@Lehigh.EDU>
Subject: [68555] Re: SMK-1: Will Ship Wednesday
Message-ID: <s9047810.027@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Since the manual is ready, why not place it on the net? This might get = other people interested when they see how easy the kit is to construct. = Just my \$.02.

Randy KB8AS0

>>> "Doug Hendricks" <ki6ds@hotmail.com> 04/22 1:05 PM >>>

Guys, it all came together nicely this weekend. Dave Fifield, AD6A, finished the manual for the SMK-1 at 2:00 AM Friday, and emailed a copy to me. I printed it out, proofed it, and then drove it to Sacramento, where I delivered it to Jim about 1:00 PM. We took it over to the printers, and Jim will pick the copies up Monday evening (holiday weekend). Then, Jim and his son Steve, will stuff the kits and manuals into the preaddressed priority mail boxes on Tuesday, and Jim will haul 400 kits, yes 400!! to the post office. His little white Geo will have to make about 4 trips, grin.

Paul Maciel, AK1P, built a kit Wednesday night from a schematic and parts key, and reports that it works great!! He had no problems building it, and said it was a blast. That is good news for Dave and I, who always hold our breath until the first production kit is up and running.

We had great kitting help from the following, James Bennett, Kathy Bennett, Mike Camp, Bill Jones, Dave Adams, who Paul Maciel who not only worked like champs kitting, but had to drive over 100 miles to do it!! Great crew.

Also, I talked to George Heron of the NJ QRP Club, and they are just about ready to ship the NJ QRP Club SMK-1 Case and connector kits. If you did not order one of these yet, you can still do so. You get a pc board case parts kits that is predrilled. All that you have to do is solder it together and George's instruction manual make it a "snap" (Err, sorry about that George, Atlanticon is over, I just can't get that great fun exercise out of my head, grin.) to build. Plus, you also get all of the connectors needed to finish the SMK-1, and the NJ boys throw in the knobs and feet to finish off a great

deal. The price. \$10 and that includes shipping!!! What a deal!. =
Send=20
your orders to:

George Heron, N2APB
2419 Feather Mae Court
Forest Hill, MD 21050

And yes, we are still taking orders for the SMK-1. The kit is \$30 and=20
postage and handling is another \$4 for US and Canada, \$6 for Europe, and =
\$8=20
for Pacific Rim countries. To order send a check or money order for US=20
dollars only to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please enclose a self addressed mailing label. Jim REALLY appreciates =
the=20
help.

For more information on the SMK-1, go to www.redhotradio.com.

Ok, back to kitting. 72, Doug

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>=20=

Date: Mon, 24 Apr 2000 15:34:04 -0500
From: Darrel Swenson <darrel_kb0awb@tcon1.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68556] Re: SMK-1: Will Ship Wednesday
Message-ID: <3904AFBA.11D6B957@tcon1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW... Doing Happy Dance... SMK-1 in mail TODAY. (Guess what I am doing
tonight!)

Darrel... KB0AWB...

Date: Mon, 24 Apr 2000 13:50:55 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <ka9nzi@arrl.net>
Subject: [68557] Re: QST QRP page
Message-ID: <007401bfae2e\$cb32dca0\$e7142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary, There was an airplane from the 30s called the "Heath Parasol" but
can't say if it was the same company. Bob Baxter AA7EQ

-----Original Message-----

From: Gary Lee Phillips <ka9nzi@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, April 24, 2000 7:44 AM
Subject: Re: QST QRP

>
>(Actually, I seem to remember that Heathkit started out by offering
>a build-it-yourself AIRPLANE, not even electronics. Anyone remember
>if that was true?)
>
>
>-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-ARCI #5154 <http://www.netcom.com/~fuffile/>
>

Date: Mon, 24 Apr 2000 15:51:56 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [68558] Re: Magazine Articles abt Qrp
Message-ID: <3904B3EC.11DAF10B@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No, it isn't a given that QRP means CW, but it certainly is true
that more QRP operating is done in Morse code than in any
other mode (maybe even all other modes together).

CW transmitters are simpler to build, and CW power output
is simpler to measure. Hence more CW.

Digital modes are alive and well at QRP, though. PSK-31 is growing fast, and I've run into lots of low power RTTY ops. SSB is popular, but more difficult than code or digital, I think, unless you have really good antennas. Some choose to define 10 watts PEP as QRP for SSB purposes, and presumably that could also be said for PSK-31, since it is audio keyed into an SSB modulator.

Getting started is as simple as just DOING it. Crank the power down to QRP level and answer someone's CQ. You'll be surprised how often that works. You have made a QRP contact if your power output was 5 watts or less. (I think GQRPC also considers 10 watts INPUT to the final amplifier as QRP. In most cases, that probably does work out to 5 watts or less output.) A good antenna is the key element in most QRP setups, more important than the transmitter I'd say. After that comes operating skill and patience, and only THEN the receiver and transmitter, in that order.

The ARRL has some current book titles on QRP. You can also join one or more of the QRP clubs to get their publications, which are pretty interesting.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Mon, 24 Apr 2000 17:06:12 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:tailfeathers@juno.com" <tailfeathers@juno.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [68559] Magazine Articles abt Qrp
Message-ID: <200004241709_MC2-A26D-1796@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gary:

Well this note is from a genuine OT, QRP-wise. CW does not necessarily

mean QRP, nor vice versa. There are many QRPers who use low power for RTTY, SSB, and doubtless other modes.

But CW is ideal for QRP, as the equipment can be small and simple, and CW is very effective even under conditions when SSB or other modes might not be usable at all. I have been licensed since 1960 and have consistently used CW and QRP. Even as a Novice (for 7 months) I had a 2-watt rig which used a receiving tube for a transmitter! My receiver was the drifty Hallicrafters S-38D. I worked 52 countries and 47 states during those seven months, even though we Novices were all crystal controlled (no VFO's for us until we became General or higher).

What I find interesting after all these years is that interest in CW and QRP are both picking up, and more and more gear is coming out. And guys like me are resurrecting the older gear, which so often did a terrific job on receive.

Anyway, may this will be a useful response. I will be very happy to answer other questions as they arise. Don't be a stranger and don't be afraid to write back :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

(Shipping: DSBF, 2020 Lovett Ave, Bismarck, ND 58504)

K0EVZ@arrl.net

Date: Mon, 24 Apr 2000 14:38:40 -0700

From: Radman <radman@best.com>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [68560] Heath Parasol & bedtime readings...

Message-ID: <01BFADFA.E80C1B40@radman.vip.best.com>

Gang,

For those so inclined - there's a cool picture of the Heath Parasol at -
URL: http://members.aol.com/wwheco3/images/hs_sup3/hsp82.jpg

There are some *great* Heath stories at 'Bjorn Heyning's Heath Stories' --
URL: <http://members.aol.com/wwheco2/index.htm>
(Stories #1 thru #54 are really entertaining!)

Check out the JPEGs of many famous names (including David Nurse) at:
http://members.aol.com/wwheco3/hsp_sup3.htm

Mandatory QRP Content -- original cost of the Parasol was \$925 for your very own airplane kit! That's roughly equal to a fully-stuffed Elecraft K2 in today's market. I'll leave the math to the MBAs on the list ;)

Happy reading,

72 - Conrad Weiss - NN6CW

Date: 22 Apr 2000 17:50:20 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [68561] Efficient Power Amps for CW
Message-ID: <2000Apr22.175020-0400@[130.113.234.7]>

Gang,

When preparing for my ArkieCon presentation, did some reading of David Rutledge's Class-E power amps, which were QRO efforts using MOSfets in really efficient designs.

Got to wondering why we don't see this approach in QRP rigs where battery power dare not be wasted. So did some SPICE simulations, and then melted some solder, and found some neat ways of boosting efficiency. These new circuits look just like regular Class-C circuits used in many QRP rigs.

Part of my talk at ArkieCon addressed these more efficient circuits. By "high efficiency", I mean that over 90% of the DC power coming in from the 12v supply into the collector circuit gets converted to RF power going out to the antenna. Can't do much better than that.

Have put up some web material on how its done:
<http://epic.mcmaster.ca/~elmer101>
At the bottom, click on "Efficient Non-linear RF Amplifiers"

I've described:

- Why RF power amps get hot
- What design steps can improve efficiency
- A highly efficient 1 watt integrated circuit 40 M transmitter.

When a little 8-pin plastic DIP chip can pump out a watt, and barely get warm, you know its running efficiently. Lemme suggest that new designs could be improved a lot by addressing this efficiency issue, without adding much complexity.

-Glen VE3DNL

Date: Mon, 24 Apr 2000 15:16:29 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68562] Re: QST QRP page
Message-ID: <3904C7BD.12F4328E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, that was the plane, and Heath was the company.

Norm/KQ6SD

Date: Mon, 24 Apr 2000 16:19:29 -0600
From: Pat Byers <pbyers@rttinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
Subject: [68563] Efficient Power Amps for CW
Message-ID: <4.2.2.20000424161528.00a68cc0@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello all,

As usual, Glen VE3DNL has done a terrific job of pushing the Ham technology envelope and tweaking our brains. However, the link on his Web site should be <http://epic.mcmaster.ca/~elmer101/effamp/effamp.html>

Enjoy! It's great stuff.

72,

Pat Byers VE6AAN

Date: Mon, 24 Apr 2000 15:34:06 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [68564] SMK-1 parts list corr.
Message-ID: <20000424.153410.-144633.0.dave_epps@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

C24 should be C2 in item 5.
Just received the kit and looks great. Thanks to all that made it possible.
One thing that really stands out. "Follow the instructions"
dave ab5pc fresno, ca.

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 24 Apr 2000 15:32:39 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.EDU>
Subject: [68565] SMK-1 Item5, C24=C2?
Message-ID: <001d01bfae3d\$14f805a0\$b5ad30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The postman delivered my SMK-1 a few hours ago and I actually read the manual...haven't even opened the parts bag yet. GREAT JOB Doug, Dave, Jim and crew....One small point that may save others figuring out....I think Item 5, C24 should be C2....right? No big deal. Hope to find time late tonight to start melting solder 8-)
Floyd NQ7X Phoenix,AZ ScQRPion

End of QRP-L Digest 1801

